```
                1        10        20        30        40        50        60        70        80        90
Consensus       MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1. 17v2|UL50   MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
2. F|UL50       MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
3. H129|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
4. KOS|UL50     MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
5. McKr|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
6. HF10|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
7. CR38|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
8. E03|UL50     MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
9. E06|UL50     MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
10. E07|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
11. E08|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
12. E10|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
13. E11|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
14. E12|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
15. E13|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
16. E14|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
17. E15|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
18. E19|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
19. E22|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
20. E23|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
21. E25|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
22. E35|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALASPGHHVIL
23. R11|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
24. R62|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
25. S23|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL
26. S25|UL50    MSQWGSGAILVQPDSLGRGYDGDWHTAVATRGGGVVQLNLVNRRAVAFMPKVSGDSGWAVGRVSLDLRMAMPADFCAIIHAPALSSPGHHVIL

                100       110       120       130       140       150       160       170       180
Consensus       GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1. 17v2|UL50   GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
2. F|UL50       GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILAPPPALTKPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR
3. H129|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR
4. KOS|UL50     GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR
5. McKr|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLWVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
6. HF10|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
7. CR38|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTPALPARRRGR
8. E03|UL50     GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGDPSVTPALPARRRGR
9. E06|UL50     GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
10. E07|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTPALPARRRGR
11. E08|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGDPSVTTALPARRRGR
12. E10|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRQGR
13. E11|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRQGR
14. E12|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
15. E13|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTPALPARRRGR
16. E14|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTPALPARRRGR
17. E15|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRQGR
18. E19|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGDPSVTTALPARRRGR
19. E22|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
20. E23|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRQGR
21. E25|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRRGR
22. E35|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIREDPWLEGALGAPSVTTALPARRQGR
23. R11|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR
24. R62|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR
25. S23|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR
26. S25|UL50    GLIDSGYRGTVMAVVVAPKRTREFAPGTLRVDVTFLDILATPPALTEPISLRQFPQLAPPPPTGAGIRADPWLEGALGDPSVTPALPARRRGR

                190       200       210       220       230       240       250       260       270
Consensus       SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1. 17v2|UL50   SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
2. F|UL50       SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
3. H129|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
4. KOS|UL50     SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
5. McKr|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
6. HF10|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
7. CR38|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
8. E03|UL50     SLVYAGELTPVQTEHGGGVREAIAFLPKREEDAGFDIVVRRQVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
9. E06|UL50     SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
10. E07|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
11. E08|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
12. E10|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
13. E11|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
14. E12|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
15. E13|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
16. E14|UL50    SLVYAGELTPVQTEHGDGVLEAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
17. E15|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
18. E19|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
19. E22|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
20. E23|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
21. E25|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
22. E35|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
23. R11|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLIVPTRWLPGH
24. R62|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
25. S23|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH
26. S25|UL50    SLVYAGELTPVQTEHGDGVREAIAFLPKREEDAGFDIVVRRPVTVPANGTTVVQPSLRMLHADAGPAACYVLGRSSLNARGLLVVPTRWLPGH

                280       290       300       310       320       330       340       350       360       371
Consensus       VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
Identity        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1. 17v2|UL50   VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
2. F|UL50       VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
3. H129|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
4. KOS|UL50     VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
5. McKr|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
6. HF10|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
7. CR38|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
8. E03|UL50     VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
9. E06|UL50     VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
10. E07|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
11. E08|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
12. E10|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
13. E11|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
14. E12|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
15. E13|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
16. E14|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
17. E15|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
18. E19|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
19. E22|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
20. E23|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
21. E25|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
22. E35|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
23. R11|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
24. R62|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
25. S23|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
26. S25|UL50    VCAFVVYNLTGVPVTLEAGAKVAQLLVAGADALPWIPPDNFHGTKALRNYPRGVPDSTAEPRNPPLLVFTNEFDAEAPPSERGTGGFGSTGI
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